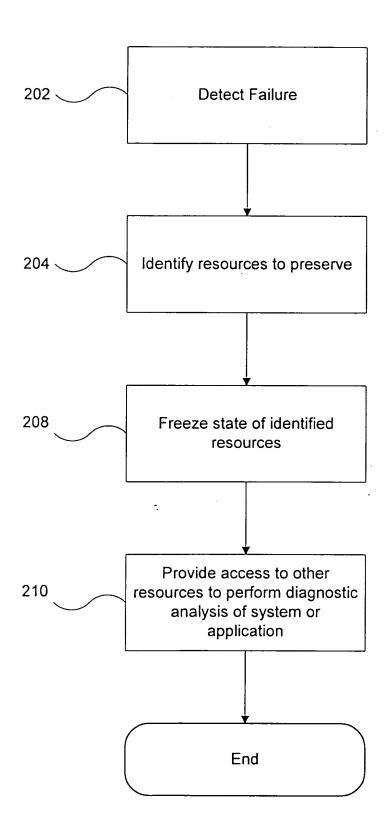


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Fig. 2



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	Process Type	Process IDs	
402	OS Processes	Process 0, Process 1 Process 10	
404 406 406 408 408 408 408 409 409 409 409 409 409 409 409 409 409	Database Application Processes	Process 2, Process 3, Process 4, Process 7, Process 8	
	Oracle Database Application Processes	Process 2, Process 3, Process 4	
	Acme Database Application Processes	Process 7, Process 8	
	I/O Application Processes	Process 9, Process 11	
	Communications Application Processes	Process 6, Process 12	
	•	•	

400

Fig. 4

	Failure Type	Processes to suspend	
502~	Database application Failure	Database application processes	
504	Database application failure with DB I/O operation failure	Database application processes	
	Failure type 3	Communications processes	
	Failure type 4 ·	Operating system processes	
	•	•	
	.•	•	

Fig. 5

Resources to state freeze	Resources associated with database application processes	Resources associated with database application processes; resources associated with I/O processes	Resources associated with communications processes	Resources associated with operating system processes	• •
Processes to suspend	Database application processes	Database application processes; I/O processes	Communications processes	Operating system processes	• •
Failure Type	Database application Failure	Database application failure with DB I/O operation failure	Failure type 3	Failure type 4	• •

Fig. 6

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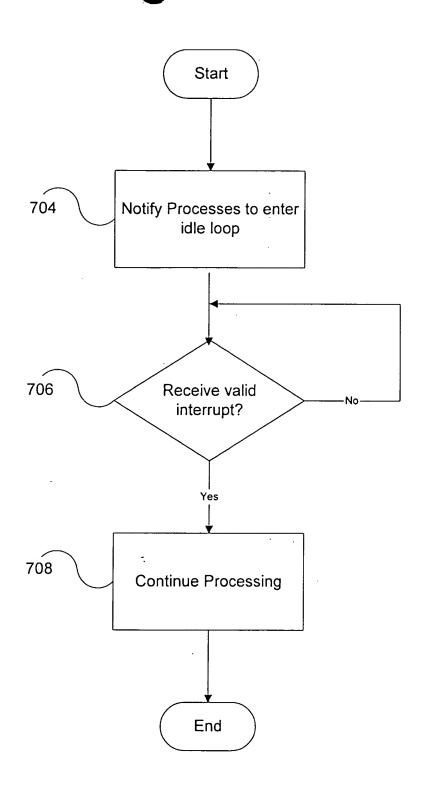
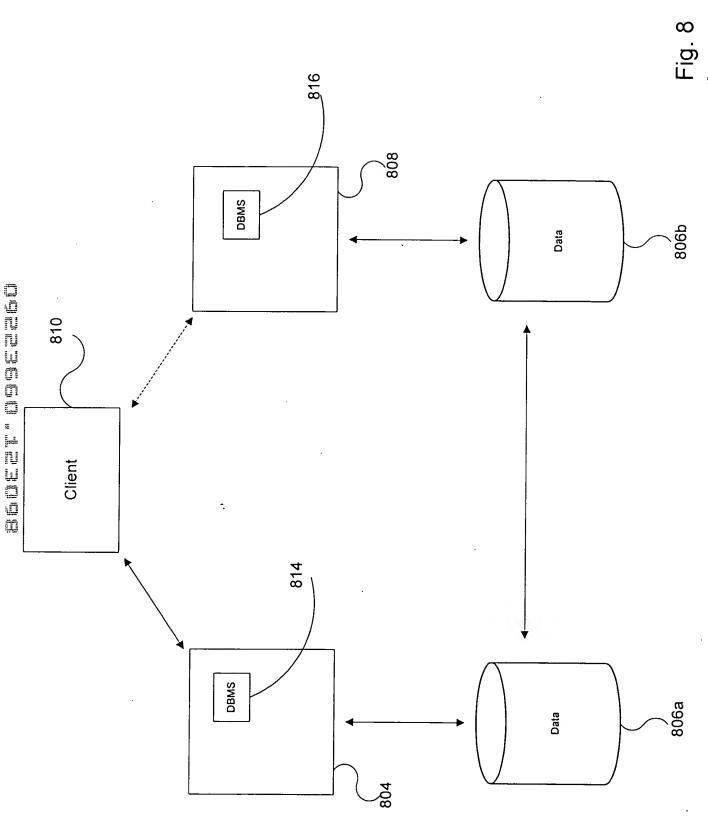


Fig. 7



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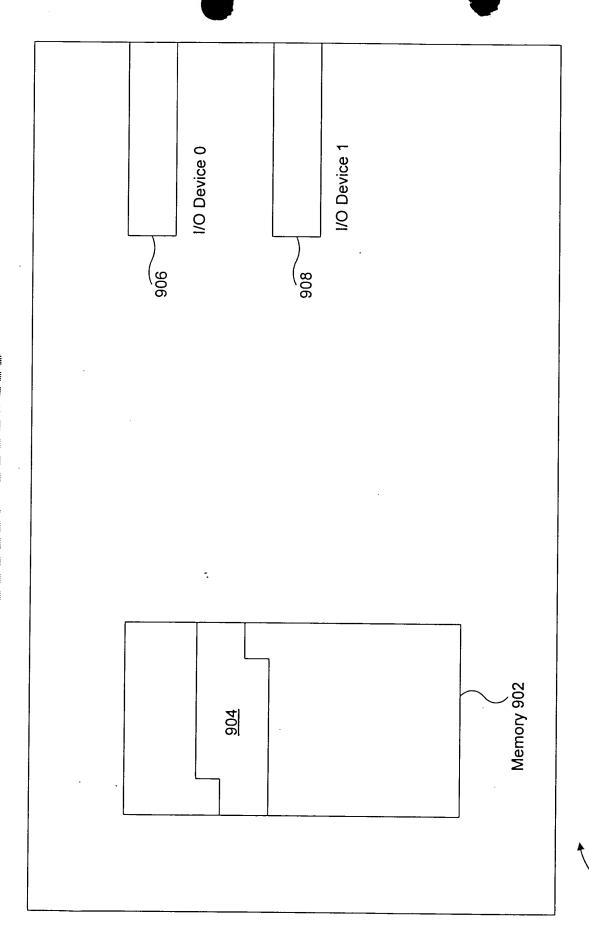
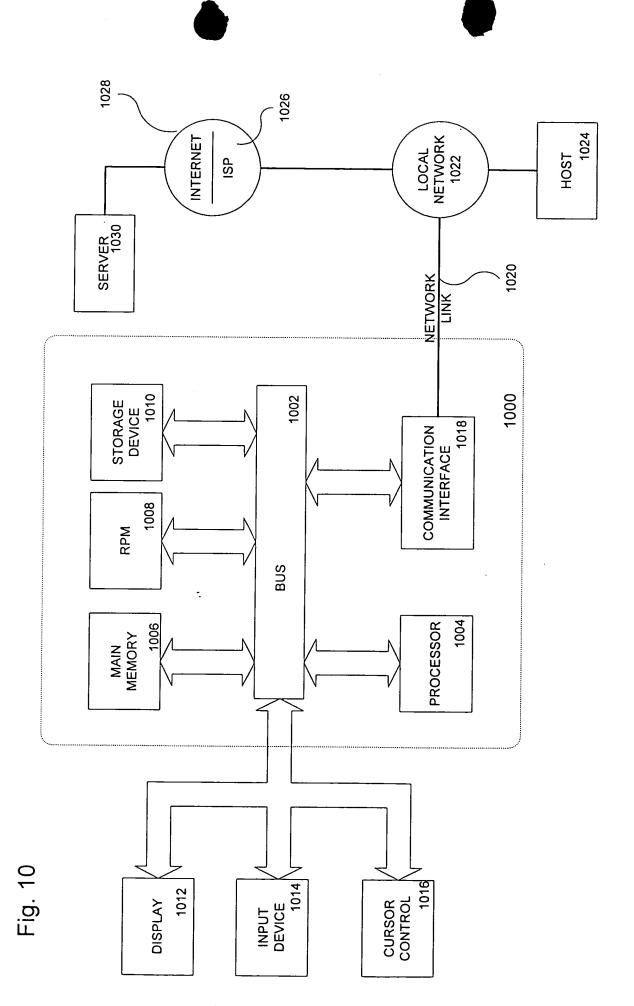


Fig. 9

900

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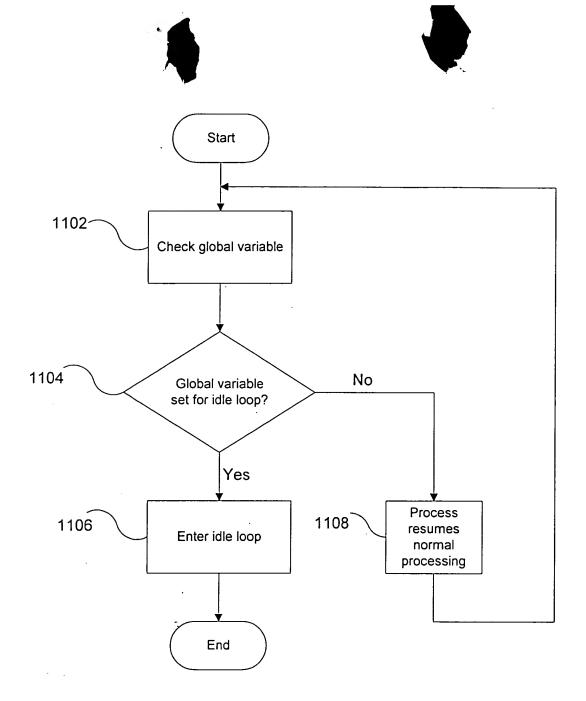


Fig. 11